SONY

3-758-223-22(1)

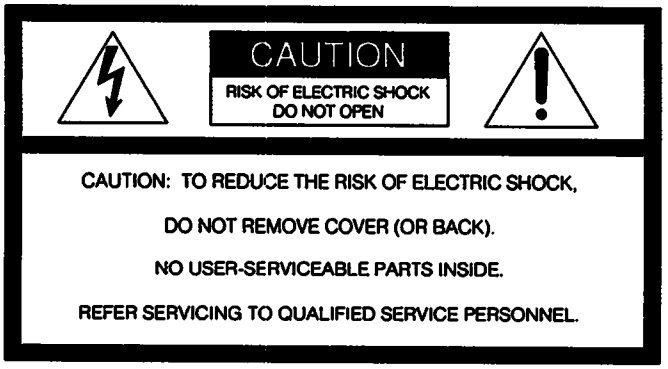
SA-W441/SA-W442/SA-W541/SA-W542

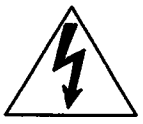
# Active Super Woofer

**Operating Instructions**

## Warning

**To prevent fire or shock hazard, do not expose the unit to rain or moisture.**


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

* The graphical symbols are on the rear enclosure.

**Owner's Record**

The model and serial number is located at the rear. Record this serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

SA-W441/SA-W442 Serial No. _____

SA-W541/SA-W542 Serial No. _____

For the connections and the operations of this unit, please see the "Operating Instruction" of HCD-441 or HCD-541.

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# Precautions

**On safety**
- Operate the unit only on 120 V AC, 60 Hz.
- Should any solid object or liquid fall into the unit, unplug it and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for an extended period of time. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.

**On installation**
- Place the unit on a level surface.
- Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- Good air circulation is essential to prevent internal heat buildup in the unit. Place the unit in a location with adequate air circulation. Do not cover the ventilation holes on the rear panel.

**On cleaning the cabinet**
Clean the cabinet, panel and controls with a soft cloth lightly moistened with mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

**On repacking**
Do not throw away the carton and the packing material. It makes an ideal container to transport the unit in.

If you have any question or problem concerning your unit, please consult your nearest Sony dealer.

For detailed precautions, see the leaflet "IMPORTANT SAFEGUARDS".

# Specifications

## AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 8-ohm loads, both channels driven, from 70 - 20,000 Hz; rated 100 watts per channel minimum RMS power, with less than 0.9% total harmonic distortion from 250 milliwatts to rated output.

### Amplifier section

Overall output
SA-W441/W442: 120 W + 120 W (front, at 1 kHz, 8 ohms)
40 W (super woofer, at 40 Hz, 4 ohms)
SA-W541/W542: 120 W + 120 W (front, at rear/center off at 1 kHz, 8 ohms)
20 W + 20 W (rear, at center off at 1 kHz, 8 ohms)
40 W (center, at rear off at 1 kHz, 6 ohms)
40 W (super woofer, at rear/center off at 40 Hz 4 ohms)

Harmonic distortion
SA-W441/W442: Less than 0.9 % (at 1 kHz, 8 ohms loads, front: 120 W + 120 W, super woofer off)
SA-W541/W542: Less than 0.9 % (at 1 kHz, 8 ohms loads, front: 120 W + 120 W, rear/center/super woofer off)

Output
FRONT SPEAKERS:
Accept speakers of 8 – 16 ohms
REAR SPEAKERS:
(SA-W541/W542)
Accept speakers of 8 – 16 ohms
CENTER SPEAKER:
(SA-W541/W542)
Accept speaker of 6 – 16 ohms
HEADPHONES:
Accepts low and high impedance Headphones

### Speaker section

Type: Active super woofer (magnetically shielded design)
Speaker unit: Woofer: 20 cm (8 inches) cone type
Reproduction frequency range: 25 Hz to 150 Hz

### General

Power requirements: 120 V AC, 60 Hz
Power consumption
SA-W441/W442: 230 W
SA-W541/W542: 280 W
Dimensions: Approx. 500 x 475 x 475 mm (w/h/d) ($19^3/_4$ x $18^3/_4$ x $18^3/_4$ inches) (including projecting parts and controls)
Mass
SA-W441/W442: Approx. 30.3 kg (66 lb 13 oz)
SA-W541/W542: Approx. 31.0 kg (68 lb 6 oz)

Sony Corporation Printed in Malaysia